VEHICLE STEERING SYSTEM AND AXLE GUIDE MODULE FOR A VEHICLE STEERING SYSTEM

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The invention relates to a vehicle steering system, comprising a steering operating device, in particular, a hand steering wheel, which may be operated by the driver, an actuator for the control of each of the steerable wheels of a wheel pair on a steerable vehicle axis, to the right and left hand side of a vehicle chassis and means by which steering of one of the both vehicle wheels on said vehicle axle may be guaranteed, by the other still functioning actuator, in the case of a failure or a fault with one of the both actuators connected to the steering vehicle axle.; The invention further relates to at least one set-value transmitter, which monitors the steering angle to be set, as operated by the steering operating device, at least one actual-value transmitter, which monitors the steering angle of the vehicle wheels, a central control unit, which controls the electromechanical actuators, depending on a comparison of a signal from the actual-value transmitter (actual value) with a signal from the set-value transmitter (set value) and a data transmission unit, which establishes a data connection between the central control unit and the electromechanical actuators.